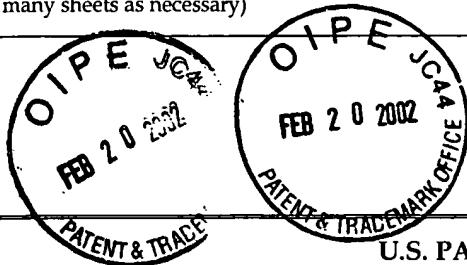


Substitute for Form 1449A/PTO (Modified) (use as many sheets as necessary)		Attorney Docket No.: 42390.P11861	Application Number: 09/882,486
Page 1 of 2		First Named Inventor: Jay H. Connelly	RECEIVED FEB 28 2002 Technology Center 2600
		Filing Date: June 15, 2001	



### U.S. PATENT DOCUMENTS

Exam. Initial*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Code <sup>2</sup>	Kind (If known)			
		4,602,279		Freeman	07/22/86	
		5,155,591		Wachob	10/13/92	
		5,444,499		Saitoh	08/22/95	
		5,446,919		Wilkins	08/29/95	
		5,564,088		Saitoh	10/08/96	
		5,600,364		Hendricks et al.	02/04/97	
		5,686,954		Yoshinobu et al.	11/11/97	
		5,945,988		Williams et al.	08/31/99	
		5,977,964		Williams et al.	11/02/99	
		5,991,841		Gafken et al.	11/23/99	
		6,002,393		Hite et al.	12/14/99	
		6,020,883		Herz et al.	02/01/00	
		6,114,376		Prichard et al.	09/05/00	
		6,119,189		Gafken et al.	09/12/00	
		6,131,127		Gafken et al.	10/10/00	
		6,144,376		Connelly	11/07/00	
		6,184,918	B1	Goldschmidt Iki et al.	02/06/01	

### FOREIGN PATENT DOCUMENTS

Exam. Initial*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup> Code <sup>5</sup>	Number <sup>4</sup>	Kind (If known)				
			WO 00/01149		NDS LIMITED	01-06-00		
			WO 99/65237		METABYTE, INC.	12-16-99		

Examiner Signature	Jason Salce	Date Considered	5-24-04
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Substitute for Form 1449A/PTO (Modified) (use as many sheets as necessary)		Attorney Docket No.: 42390.P11861	Application Number: 09/882,486
Page 2 of 2		First Named Inventor: Jay H. Connelly	RECEIVED FEB 28 2002 Technology Center 2600
		Filing Date: June 15, 2001	
OTHER ART - NO PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Translation <sup>2</sup>
JCS ↓		Intel: Intel Architecture Labs. Internet and Broadcast: The Key To Digital Convergence. Utilizing Digital Technology to Meet Audience Demand, 2000, Pages 1-4.	
		Intel: Intel Architecture Labs. Client Infrastructure for Internet-Based Data Services for Digital Television: Enabling A New Class of DTV Services, 2000, Pages. 1-10.	
		Enhanced Digital Broadcast, Web Page [online]. IAL Digital Entertainment [retrieved on 8 - 21, 2001] Retrieved from the Internet: <URL: <a href="http://www.developer.intel.com/ial/home/digentertain/edb.htm">http://www.developer.intel.com/ial/home/digentertain/edb.htm</a> . Pages 1-3.	
		Internet Protocol (IP) Multicast Technology Overview. White paper [online]. Cisco System, Inc. June 27, 2001. [retrieved on 6/29/2001] Retrieved from the Internet: <URL: <a href="http://www.cisco.com/warp/public/cc/pd/iosw/tech/ipmu_ov.htm">http://www.cisco.com/warp/public/cc/pd/iosw/tech/ipmu_ov.htm</a> Pages 1-16.	
		SMYTH, B. et al, A Personalized Television Listings Service; Communications of the ACM; August 2000, Vol. 43, No. 8., Pages 107-111.	
		"Program and System Information Protocol for Terrestrial Broadcast and Cable, (Revision A) and Amendment No. 1," Advanced Television Systems Committee, December 23, 1997, 135 pages.	
		"Digital Video Broadcasting (DVB); Specification for Service Information (SI) in DVB Systems," ETSI EN 300 468, Nov. 2000, 83 pages, Volume 1.4.1 European Broadcasting Union.	
		HASKELL, BARRY G. et al., Digital Video: An Introduction to MPEG-2; 1997; Pgs. 280-283; Chapman & Hall; New York, NY.	

Examiner Signature	Jason Salce	Date Considered	5-24-04
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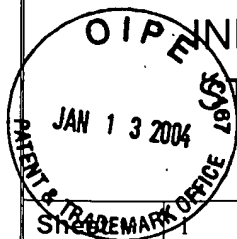
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## OIP INFORMATION DISCLOSURE

## STATEMENT BY APPLICANT

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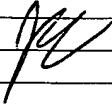


Application Number	09/882,846
Filing Date	June 15, 2001
First Named Inventor:	Connelly
Art Unit	2614
Examiner Name	Not yet assigned
Attorney Docket Number	42P11861

of

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## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (If known)				
	1.	US-	6,160,989	12/12/2000	Hendricks et al.	
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		Country Code <sup>3</sup>	Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
	2.	PCT/US	02/17381	10/20/2003	PCT International Search Report		
	3.	WO	01/15449 A1	03/01/2001	Singularis S.A.		

Examiner  
Signature

Jason Salce

Date Considered

5-24-04

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